

Publication number: JP5194658 (A)
Publication date: 1993-08-03
Inventor(s): KAWAGUCHI NORISHIGE; NAKAMURA HIROYUKI; TANAKA TSUNEO
Applicant(s): UBE INDUSTRIES
Classification:
- international: *B60C1/00; B60C11/00; C08F36/00; C08F136/06; C08L7/00; C08L9/00; C08L21/00*
B60C1/00; B60C11/00; C08F36/00; C08F136/00; C08L7/00; C08L9/00; C08L21/00
(IPC1-7): B60C1/00; B60C11/00; C08F136/06; C08L7/00; C08L9/00
- European:
Application number: JP19920259946 19920929
Priority number(s): JP19920259946 19920929; JP19910336403 19911022

Abstract of JP 5194658 (A)

PURPOSE:To obtain the subject polybutadiene rubber, composed of a specific polybutadiene, excellent in dynamic characteristics, abrasion resistance, tensile strength, flex crack growth resistance and impact resilience and suitable as base treads, etc., of automotive tires. **CONSTITUTION:**The objective polybutadiene rubber is composed of (A) 10-25wt.% portion, having 0.5-4 reduced viscosity and insoluble in boiling n-hexane and (B) 90-75wt.% portion insoluble in boiling n-hexane in which (i) the weight-average molecular weight (M_w) is 300000-800000 and (ii) the toluene solution viscosity ($t\text{-cp}$) and the Mooney viscosity (ML) at 100 deg.C satisfy the relation of $3ML-30 \leq t\text{-cp} \leq 3ML+30$. Furthermore, a rubber composition excellent in runnability is obtained from ≥ 20 wt.% objective polybutadiene rubber and natural rubber and/or one or more diene-based rubbers.

Data supplied from the **esp@cenet** database — Worldwide